United States Patent and Trademark Office

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/503,137	02/11/2000	Joseph H. Matthews	2310	6139

7590   01/05/2005

Law Offices of Albert S. Michalik, PLLC
704 - 228th Avenue NE
Suite 193
Sammamish, WA 98074

EXAMINER
KE, PENG

ART UNIT	PAPER NUMBER
2174	

DATE MAILED: 01/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/503,137	MATTHEWS ET AL.
	Examiner	Art Unit
	Peng K	2174

-- Th MAILING DATE of this communication appears on the cov r sh et with th correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *19 August 2004*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *88-142* is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *88-142* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All   b)☐ Some * c)☐ None of:

       1.☐ Certified copies of the priority documents have been received.

       2.☐ Certified copies of the priority documents have been received in Application No. _____.

       3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
     Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
     Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

This action is responsive to communications: Amendment, filed on 8/19/04.

Claims 88-142 are pending in this application. Claims 88, 89, 93, 98, 99, 101, 118, 125, 126,

132, 135, and 136 are independent claims. In the Amendment, filed on 8/19/04, claims 1-87

were cancelled, claims 88-142 were added.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claims 88-142 rejected under 35 U.S.C. 103(a) as being unpatentable over Sraub et al.

(US 6,091,411) in view of Chawla et al. (US 6,826,696).

As per claim 88, Straub et al. teaches in a computer system having a graphical user

interface and a user interface selection device, a method of providing and selecting from the user

interface, comprising:

registering a computer resource with a shell user interface as one of a group of computer

resources (col. 12, lines 10-16) displayed as a link upon a page within a plurality of pages of the

shell user interface (col. 15, lines 8-34), wherein the plurality of pages are arranged in a

hierarchy, and wherein each page of the plurality of pages that is lower in the hierarchy is

reachable through at least one other page of the plurality of pages that is higher in the hierarchy

through at least one link on the other page (fig 6, col. 15. lines 7-45);

displaying on the page in the shell user interface the link associated with the computer

resource registered as one of the group of computer resources (col. 6, lines 31-43);

receiving a signal indicative of a selection of the link via the user interface (col. 15. ines

38-45); and

However, Straub fails to teach executing code associated with the link in response to

receiving the signal.

Chawla et al. teaches executing code associated with the link in response to receiving the

signal. (col. 11, lines 39-55)

It would have been obvious to an artisan at the time of the invention to include the

execution process of Chawla et al. with system of Straub in order to allow a user to tailor the

master server environment to his/ her particular needs.

As per claim 89, Staub et al. teaches in a computer system having a graphical user

interface and a user interface selection device, a method of providing and selecting from the user

interface, comprising:

registering a resource with a shell user interface as one of a group of resources to the

display on a page, the resource including at least one of a document, a program, a task stored in

the computer system, and a device of the computer system (col. 1, lines 54-57);

displaying a first page comprising: a first link associated with a second page; and

a second link associated with the resource registered as part of the group of resources (fig

6, col. 15. lines 7-45);

in response to a signal indicative of a selection of the first link via the user interface,

displaying the second page; and in response to a signal indicative of a selection of the second

link via the user interface (col. 15. lines 38-45).

However, Straub fails to teach executing code associated with the resource registered as

part of the group of resources.

Chawla et al. teaches executing code associated with the resource registered as part of the

group of resources. (col. 11, lines 39-55)

It would have been obvious to an artisan at the time of the invention to include the

execution process of Chawla et al with system of Straub in order to allow a user to tailor the

master server environment to his/ her particular needs.

As per claim 90, Straub et al. and Chawla et al. teach the method of claim 89, Straub

further teaches the system comprising:

registering a second resource with the shell user interface as one of a group of resources

to be displayed on a second page, the resource including at least one of a document, a program, a

task stored in the computer system, and a device of the computer system (col. 5, lines 10-22);

displaying on the second page a third link associated with a third page and a fourth link

associated with a second resource registered with the shell user interface as one of the group of

resources to be displayed on the second page (col. 6, lines 45-64);

Chawla further teaches in response to a signal indicative of a selection of the third link

via the user interface, displaying the third page; and in response to a signal indicative of a

selection of the fourth link via the user interface, executing code associated with the second

resource registered as part of the group of resources to be displayed on the second page (fig 9.

col. 11, lines 39-55).

As per claim 91, Straub and Chawla teach the method of claim 89. Chawla further

teaches wherein the resource further includes a web link and a remote device (col. 11, lines 39-

55, fig. 9, item 206; Examiner interprets the sever to be a remote device).

As per claim 92, Straub and Chawla teach the method of claim 89. Chawla further

teaches the computer-readable medium having computer-executable instructions for performing

the method (col. 12, lines 5-20; Examiner interprets secondary application to be computer-

executable instructions).

As per claim 93, it is rejected with the same rationale as claim 88. (see rejection above)

As per claim 94, Straub and Chawla teach the method of claim 93. Chawla further

teaches wherein taking action comprises starting operation of the task (col. 5, lines 30-50, col. 5,

lines 64-col. 6 lines 8).

As per claim 95, Straub and Chawla teach the method of claim 93. Straub further teaches

wherein taking action comprises opening a second page directed to the task (col. 15, lines 8-34).

As per claim 96, Straub and Chawla teach the method of claim 95. Straub further teaches

the method comprising:

displaying a link on the second page, the link on the second page being associated with

the task (col. 15, lines 8-34); and

in response to a signal indicative of a selection of the link on the second page via the user interface, starting operation of the task (col. 15, lines 8-34).

As per claim 97, Straub and Chawla teach the method of claim 93. Straub further teaches the method comprising:

displaying a plurality of links on a first page, each of the links being associated with a different task (col. 15, lines 8-34); and

in response to a signal indicative of a selection of one of the links via the user interface, taking action with respect to the task associated with the link (col. 15, lines 8-34).

Chawla further teaches the computer-readable medium having computer-executable instructions for performing the method (col. 12, lines 5-20; Examiner interprets secondary application to be computer-executable instructions).

As per claim 98, it is of the same scope as claim 92. (see rejection above).

As per claim 99, it is rejected with the same rationale as claim 88. (see rejection above)

As per claim 100, it is of the same scope as claim 92. (see rejection above).

As per claim 101, it is rejected with the same rationale as claim 88. (see rejection above)

As per claim 102, Straub and Chawla teach the method of claim 101. Straub teaches wherein the file links are grouped together on the first page (col. 6, lines 40-55).

As per claim 103, it is of the same scope as claim 92. (see rejection above)

As per claim 104, Straub and Chawla teach the method of claim 103. Chawla further teaches wherein taking action with respect to the file associated with the file link comprises launching an instance of the executable code (col. 5, lines 64-col. 6, lines 1-8).

As per claim 105, Straub and Chawla teach the method of claim 103. Chawla further teaches wherein taking action with respect to the file associated with the file link comprises displaying an already-opened instance of the executable code (col. 11, lines 39-col. 12, lines 21, fig. 9, item 206)..

As per claim 106, Straub and Chawla teach the method of claim 101. Chawla further teaches wherein the file associated with the file link comprises a document (col. 1, lines 54-57).

As per claim 107, Straub and Chawla teach the method of claim 106. Chawla further teaches wherein taking action with respect to the file associated with the file link comprises displaying the document (col. 15, lines 8-34).

As per claim 108, it is of the same scope as claim 90. (see rejection above)

As per claim 109, it is of the same scope as claim 102. (see rejection above)

As per claim 110, it is of the same scope as claim 92. (see rejection above)

As per claim 111, it is of the same scope as claim 96. (see rejection above)

As per claim 112, it is of the same scope as claim 95. (see rejection above)

As per claim 113, it is of the same scope as claim 90. (see rejection above)

As per claim 114, it is of the same scope as claim 94. (see rejection above)

As per claim 115, it is of the same scope as claim 95. (see rejection above)

As per claim 116, it is of the same scope as claim 92. (see rejection above)

As per claim 117, it is of the same scope as claim 92. (see rejection above)

As per claim 118, it is rejected with the same rationale as claims 89 and 90 (see rejection above)

As per claim 119, it is of the same scope as claim 106. (see rejection above)

As per claim 120, it is of the same scope as claim 91. (see rejection above)

As per claim 121, it is of the same scope as claim 92. (see rejection above)

As per claim 122, it is of the same scope as claim 97. (see rejection above)

As per claim 123, it is of the same scope as claim 90. (see rejection above)

As per claim 124, it is of the same scope as claim 91. (see rejection above)

As per claim 125, it is rejected with the same rationale as claim 89 and 90 (see rejection above)

As per claim 126, it is rejected with the same rationale as claim 89 and 90 (see rejection above)

As per claim 127, it is of the same scope as claim 90. (see rejection above)

As per claim 128, Straub and Chawla teach the method of claim 127. Chawla further teaches the method wherein taking action comprises opening the document (col. 1 ,lines 60-68).

As per claim 129, Straub and Chawla teach the method of claim 127, Chawla further teaches the method wherein taking action comprises creating the document (col. 6, lines 27-40).

As per claim 130, Straub and Chawla teach the method of claim 127, Chawla further teaches wherein taking action comprises using the document as a target (col. 6, lines 1-8).

As per claim 131, Straub and Chawla teach the method of claim 126, Chawla further teaches wherein associating information comprises associating metadata with the document (col. 6, lines 8-40).

As per claim 132, it is of the same scope as claim 90. (see rejection above)

As per claim 133, Straub and Chawla teach the method of claim 126, Chawla further teaches wherein the file comprises a document, and taking action with respect to the file comprises displaying the file (col. 6, lines 8-40).

As per claim 134, it is of the same scope as claim 92. (see rejection above)

As per claim 135, it is rejected with the same rationale as claims 89 and 90 (see rejection above)

As per claim 136, it is rejected with the same rationale as claims 89 and 90 (see rejection above)

As per claim 137, Straub and Chawla teach the method of claim 136, Chawla further teaches wherein the link comprises a hyperlink and the user interface is embodied as an HTML created page (col. 5, lines 64-col. 6, lines 8; Examiner interprets the processing of CGI to be creation of a page).

As per claim 138, it is of the same scope as claim 91. (see rejection above)

As per claim 139, Straub and Chawla teach the method of claim 138, Chawla further teaches wherein the link to a web location is displayed on the particular page in accordance with a query to a remote location (col. 13, lines 1-24).

As per claim 140, it is of the same scope as claim 91. (see rejection above)

As per claim 141, it is of the same scope as claim 92. (see rejection above)

As per claim 142, Straub and Chawla teach the method of claim 140, Chawla further teaches wherein taking action comprises displaying a page including settings of the external device (col. 12 ,lines 4-23).

Response to Argument

Applicant's arguments with respect to placing links to tasks of an application have been considered but are deemed to be moot in view of the new grounds of rejection.

Applicant's arguments regarding displaying of hyperlink pages in a hierarchical manner have been fully considered but they are not persuasive.

Straub teaches a group of hyperlink pages is hierarchically arranged, wherein home page links to folder view page, which includes basics hyperlink, Internet hyperlink, and a library hyperlink, and where each hyperlink links to a hypertext page that is related to its theme (col 15, lines 8-45). This clearly shows that Straub teaches a shell user interface having multiple pages hierarchically arranged and interconnected through hyperlinks, wherein each page that is lower in the hierarchy is reachable through a hyperlink on the at least one other page that is higher in the hierarchy.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peng Ke whose telephone number is (571) 272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Peng Ke

KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100